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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/501,192	07/09/2004	Hiroshi Nagahama	61352-083	3469
7	590 09/26/2005		EXAMINER	
McDermott Will & Emery 600 13th Street NW			DUDEK, JAMES A	
	OC 20005-3096		ART UNIT	PAPER NUMBER
			2871	
			DATE MAILED: 09/26/2009	5

Please find below and/or attached an Office communication concerning this application or proceeding.

			ØY.	
	Application No.	Applicant(s)	<u>y</u>	
	10/501,192	NAGAHAMA, HIROSHI	NAGAHAMA, HIROSHI	
Office Action Summary	Examiner	Art Unit		
	James A. Dudek	2871		
The MAILING DATE of this communication apperiod for Reply	pears on the cover sheet w	vith the correspondence address -	-	
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	OATE OF THIS COMMUN 136(a). In no event, however, may a will apply and will expire SIX (6) MO e, cause the application to become A	CATION. reply be timely filed NTHS from the mailing date of this communica BANDONED (35 U.S.C. § 133).		
Status				
1) Responsive to communication(s) filed on	<u>_</u> ·			
2a) This action is FINAL . 2b) ⊠ This	s action is non-final.			
3) Since this application is in condition for allowa	•	•	is	
closed in accordance with the practice under	Ex parte Quayle, 1935 C.I	D. 11, 453 O.G. 213.		
Disposition of Claims				
4) Claim(s) 1-10 is/are pending in the application	1.			
4a) Of the above claim(s) is/are withdra	wn from consideration.			
5) Claim(s) is/are allowed.				
6)⊠ Claim(s) <u>1-4</u> is/are rejected.				
7)⊠ Claim(s) <u>5-10</u> is/are objected to.				
8) Claim(s) are subject to restriction and/o	or election requirement.			
Application Papers				
9) The specification is objected to by the Examine	er.			
10)☐ The drawing(s) filed on is/are: a)☐ acc	cepted or b) Objected to	by the Examiner.		
Applicant may not request that any objection to the	drawing(s) be held in abeya	nce. See 37 CFR 1.85(a).		
Replacement drawing sheet(s) including the correct	ction is required if the drawing	g(s) is objected to. See 37 CFR 1.12	1(d).	
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attache	d Office Action or form PTO-152.		
Priority under 35 U.S.C. § 119				
12)⊠ Acknowledgment is made of a claim for foreigr	n priority under 35 U.S.C.	§ 119(a)-(d) or (f).		
a)⊠ All b)□ Some * c)□ None of:				
1. Certified copies of the priority documen	ts have been received.			
2. Certified copies of the priority documen	ts have been received in A	Application No		
3. Copies of the certified copies of the price	ority documents have been	received in this National Stage		
application from the International Burea	nu (PCT Rule 17.2(a)).			
* See the attached detailed Office action for a list	t of the certified copies no	t received.		
Attachment(s)				
1) Notice of References Cited (PTO-892)	4) Interview	Summary (PTO-413)		
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No	(s)/Mail Date Informal Patent Application (PTO-152)		
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date) 5) Notice of 6) Other:	• • • • • • • • • • • • • • • • • • • •		

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by US006515721B2 (721).

Per claim 1, 721 teaches a lighting unit comprising: a light source [16]; a light guiding component for guiding light emitted from the light source and emanating the light from a light emanating surface to an object to be illuminated [9]; a reflecting component covering at least a bottom surface of the light guiding component [10]; a light correction component disposed on the light emanating surface of the light guiding component [6-8]; and a casing for holding the light source, the light guiding component covered with the reflecting component, and the light correction component [14], wherein the casing has an opening portion in a region corresponding to a light emanating region of the light correction component [see figures for opening]; and the object to be illuminated is disposed in direct contact with an upper surface of the light correction component within the opening portion [the figures show the lower polarizer of the LC cell is in contact with the element 6].

Per claim 2, 721 teaches a liquid crystal display device comprising: a lighting unit according to claim 1; and a liquid crystal panel as an object to be illuminated disposed on a light emanating surface side of the lighting unit, the liquid crystal panel having a liquid crystal cell comprising a pair of transparent substrates with a liquid crystal layer interposed therebetween [SUB1,SUB2], wherein the liquid crystal panel is disposed in direct contact with a front surface of the light correction component within the opening portion of the casing of the lighting unit [see figures].

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Per claim 3, 721 teaches the liquid crystal display device according to claim 2, wherein the liquid crystal panel comprises a pair of polarizers with the liquid crystal cell interposed therebetween [POL1,POL2]; and a polarizer on the lighting unit side of the pair of polarizers has an outer diameter smaller than an outer diameter of the opening portion of the casing [the POL2 is within the opening of frame 14], and directly contacts a front surface of the light correction component within the opening portion [see figures].

Per claim 4, 721 teaches the liquid crystal display device according to claim 3, wherein the casing has a frame-shaped edge portion protruding toward the opening portion so as to enclose the opening portion; and the liquid crystal cell is disposed on an upper surface of the edge portion [when looking at the figures, the frame extends from the left side towards the optical components and the LC cell sit on the top surface of the frame 14].

Allowable Subject Matter

Claim 5-10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Per claim 10, 721 teaches the liquid crystal display device according to claim 2, wherein the light guiding component is a light guiding plate [see column 6]; the light source is disposed along a first end face of the light guiding plate [see figure 1 and column 6]; the reflecting component is a reflecting sheet [reflection sheet 10]; a bottom surface of the light guiding plate, the first end face of the light guiding plate and the light source, and a second end face of the light guiding plate on which the light source is not disposed are covered with the reflecting sheet [see figures]; the light correction component comprises one or a plurality of light correction sheets [see three sheets 6-8]. The prior art of record fails to teach the casing is frame-shaped and supports at least the bottom surface of the light guiding plate, the second end face of the light guiding plate, and the first end face of the light guiding plate and the light source, each of which is covered with the reflecting sheet.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to James A. Dudek whose telephone number is 571-272-2290. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H. Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866 217-9197 (toll-free).

James A. Dudek Primary Examiner Art Unit 2871